PHD2 / prolyl hydroxylase Rabbit mAb

货号: B29010

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	**WB:** 1:500 - 1:2000 **IP:** 1:20 - 1:50
理论分子量	36kDa/43kDa/46kDa
实测分子量	46kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,A-549,Mouse heart
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

抗原信息

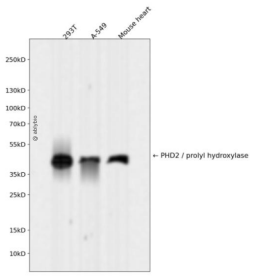
抗原信息	Recombinant fusion protein corresponding to Human PHD2 / prolyl hydroxylase.
序列	MANDSGGPGGPSPSERDRQYCELCGKMENLLRCSRCRSSFYCCKEHQRQDWKKHKLVCQGSEGALGHGVGPHQHSG PAPPAAVPPPRAGAREPRKAAARR

靶点信息

研究背景	The protein encoded by this gene catalyzes the post-translational formation of 4-hydroxyproline in hypoxi a-inducible factor (HIF) alpha proteins. HIF is a transcriptional complex that plays a central role in mamm alian oxygen homeostasis. This protein functions as a cellular oxygen sensor, and under normal oxygen c oncentration, modification by prolyl hydroxylation is a key regulatory event that targets HIF subunits for p roteasomal destruction via the von Hippel-Lindau ubiquitylation complex. Mutations in this gene are asso ciated with erythrocytosis familial type 3 (ECYT3).

基因**ID**	54583
基因名	EGLN1
Swiss	Q9GZT9
别名	EGLN1;C1orf12;ECYT3;HALAH;HIF-PH2;HIFPH2;HPH-2;HPH2;PHD2;SM20;ZMYND6

产品验证



Western blot analysis of PHD2 / prolyl hydroxylase expressed in 293T,A-549,Mouse heart using P HD2 / prolyl hydroxylase Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H +L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Det ection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn